

CSI 32 LECTURE NOTES (Ojakian)

Topic 2: Python and C++: Strings and Container Types

OUTLINE

PRIMER: 3.2, 3.3, 9.1, 9.2, 9.6 10.1, 10.3, 10.4

TRANSITION GUIDE: 10.1, 10.2

1. Strings
 2. Container types in Python and C++
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Commands to look at in: “Topic 2 Containers” in Python and C++
Skip for now! - Iterators, loops, and anything else not discussed!!

1. Strings
2. Python Lists versus C++ Vectors
 - (a) Difference (for all): Python is Heterogenous. C++ is Homogeneous.
3. Python Sets versus C++ Sets
4. Python Dictionaries versus C++ (Unordered) Maps